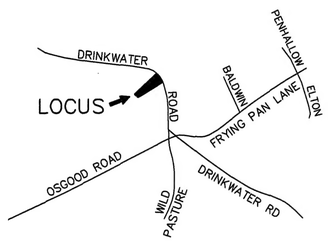
# LOCUS MAP

NOT TO SCALE




SOIL CLASS: 510 HOOSIC, 33 SCITICO
(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET HUB ELEV 43.97
#2 SET NAIL UP 0.6 IN CUT STUMP@ CEDAR EL42.79
#3 SET NAIL 2' UP IN 12" TREE EL 48.89
#4 COR CONCRETE PAD EL 49.23

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 46.5
2. THERE IS/ARE APPROX 0.5 FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 47.0)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

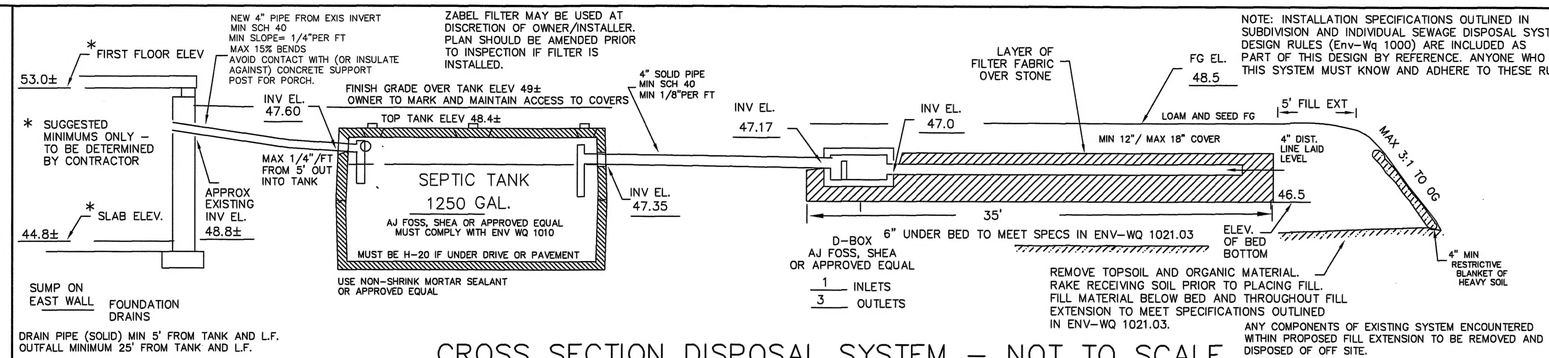
- 50 / (50) — EXISTING CONTOUR / PROPOSED CONTOUR
- 50.0 — EXISTING SPOT ELEVATION
- (50.0) — PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
   RCRD PLAN D9372
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER:
   N/A PRE 1967 (RCRD 1740–132, OCT 1964)
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE.
   BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75' OF PROPOSED SYSTEM
   b) NO WELLS WITHIN 75'
   c) NO HYDRIC B SOILS WITHIN 50'
   d) NO HYDRIC A SOILS WITHIN 75'
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404)
   INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.

PLOT PLAN

1"=APPROX _____

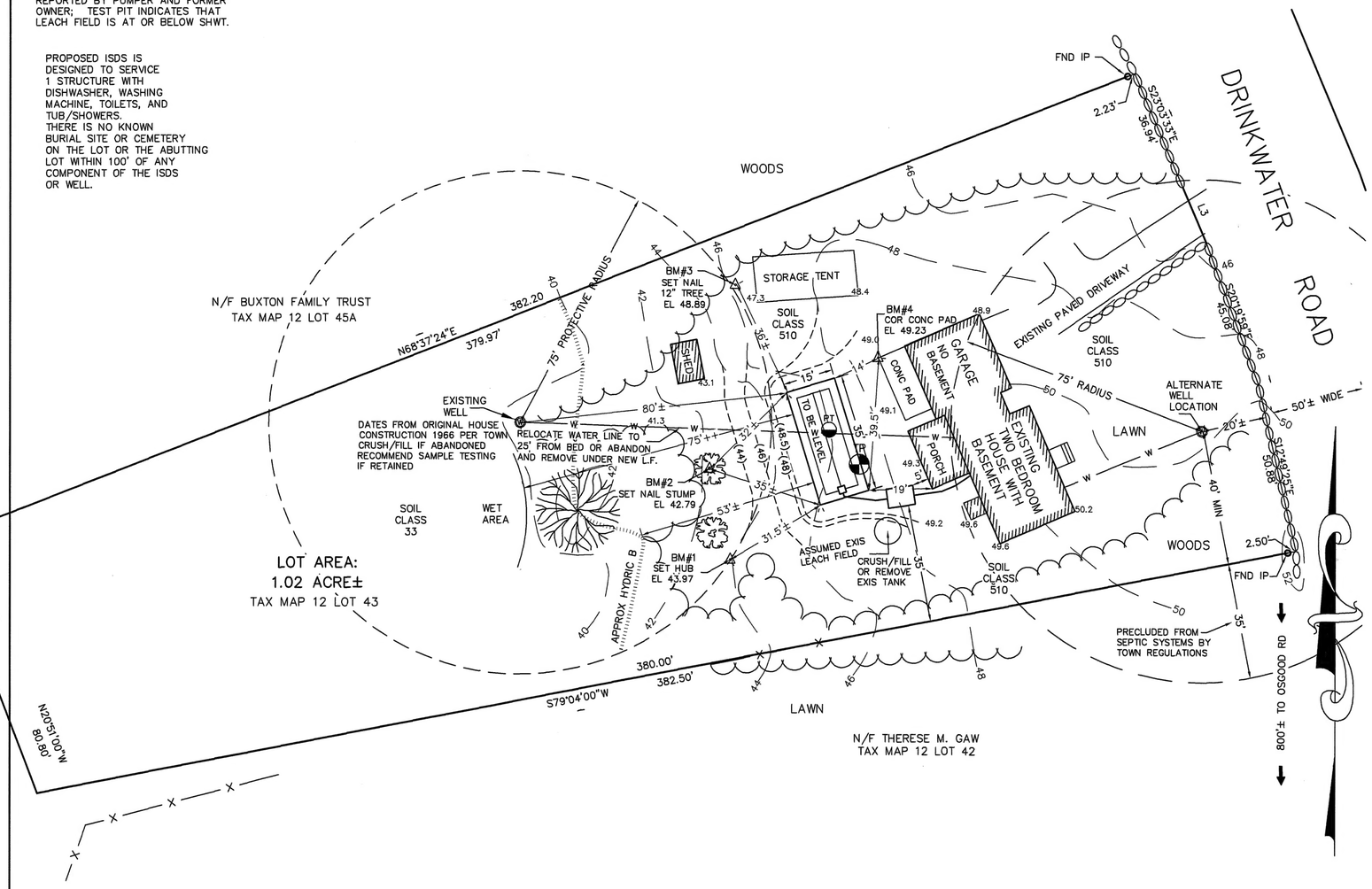



CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

EXISTING SYSTEM NEAR FAILURE AS REPORTED BY PUMPER AND FORMER OWNER; TEST PIT INDICATES THAT LEACH FIELD IS AT OR BELOW SHWT.

PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS.
THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL.

PLAN : 1"=20'




SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

## TP TEST PIT DATA

DATE: MAY 23, 2012

TOWN INSPECTOR: MIKE CUOMO (RCCD)

TEST PIT #1 ELEV 47.0

| | |
|---|---|
| 0 – 8" | 10YR3/3 GRAVELLY LOAMY SAND TOPSOIL WITH ROOTS (TO BE REMOVED) |
| 8 –30" | 10YR4/6 GRAVELLY FINE SANDY LOAM BLOCKY FRIABLE |
| 30–60" | 2.5Y5/6 FINE SANDY LOAM, BLOCKY FRIABLE, MOTTLED |

ESHWT @ 30", NO OBSERVED WATER, NO REFUSAL

## PT PERC TEST DATA

PERC RATE: 7 MIN/IN DEPTH: 26"

DESIGN LOADING: EXISTING TWO BEDROOM HOUSE

AREA REQUIRED: 475 SF REQUIRED

AREA PROPOSED: 15' X 35' = 525 SF PROVIDED

PROPOSED REPLACEMENT

# SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM
TAX MAP 12 LOT 43

LOCUS: 197 DRINKWATER ROAD
KENSINGTON, NH

OWNER: PHILLIPS & MARY ANN TOLVANEN
39 SUMMER STREET
IPSWICH, MA 01938

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Anne W. Bialobrzeski No. 348 Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: JUNE 15, 2012

APPROVAL: CA2012109001 6/8/12

639